

**BIDS FOR UNIT PRICE CONTRACT  
GLADE CREEK STREAM RESTORATION  
ALLEGHANY COUNTY, NC**

Designer: Biohabitats Kevin Nunery Ph.D. Senior Ecologist

Bid Date: 7-May-10

*Kevin Nunery*

Pay Item No.	Section	Description	Unit	Engineer's Cost Estimate		Yadkin Valley Constr.		Blythe Development Co.		North State Env.		Land Mechanic Designs		Baker's Construction	
				Unit Price	Extended Total	Unit Bid Price	Extended Total	Unit Bid Price	Extended Total	Unit Bid Price	Extended Total	Unit Bid Price	Extended Total	Unit Bid Price	Extended Total
1	2.01	Surveying	LS	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$14,000.00	\$14,000.00
2	2.02	As-Built Survey	LS	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$19,694.55	\$19,694.55	\$10,000.00	\$10,000.00	\$5,500.00	\$5,500.00
3	2.03	Mobilization/Demobilization	LS	\$16,166.58	\$16,166.58	\$15,000.00	\$15,000.00	\$16,000.00	\$16,000.00	\$25,698.04	\$25,698.04	\$17,000.00	\$17,000.00	\$29,000.00	\$29,000.00
4	2.04	Construction Access	LF	\$24.00	\$2,500.00	\$10.00	\$1,000.00	\$16.00	\$1,600.00	\$35.15	\$3,515.00	\$70.00	\$7,000.00	\$42.00	\$4,200.00
5	2.05	Blaze Orange Fence	LF	\$3.00	\$300.00	\$2.00	\$200.00	\$2.00	\$200.00	\$1.41	\$141.00	\$2.10	\$210.00	\$2.08	\$208.00
6	3.01	Select Tree Removal (>12" dbh)	LS	\$85.00	\$85.00	\$100.00	\$100.00	\$150.00	\$150.00	\$55.90	\$55.90	\$100.00	\$100.00	\$250.00	\$250.00
7	3.02	Grading	LS	\$90,250.00	\$90,250.00	\$55,000.00	\$55,000.00	\$80,000.00	\$80,000.00	\$69,423.84	\$69,423.84	\$38,000.00	\$38,000.00	\$113,500.00	\$113,500.00
8	4.01	Rock (Misc. Price)	TON	\$120.00	\$2,400.00	\$50.00	\$50.00	\$36.00	\$36.00	\$36.12	\$36.12	\$40.00	\$40.00	\$28.00	\$28.00
9	4.02	Rock Cross Vane Mainstem	EA	\$2,500.00	\$5,000.00	\$2,500.00	\$2,500.00	\$1,325.00	\$1,325.00	\$5,003.02	\$5,003.02	\$2,500.00	\$2,500.00	\$7,500.00	\$7,500.00
10	4.03	Rock Cross Vane Tributary	EA	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$800.00	\$800.00	\$2,756.98	\$2,756.98	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
11	4.03	Rock J Vane Mainstem	EA	\$500.00	\$5,000.00	\$1,800.00	\$1,800.00	\$1,325.00	\$1,325.00	\$2,905.79	\$2,905.79	\$1,900.00	\$1,900.00	\$3,500.00	\$3,500.00
12	4.03	Rock J Vane Tributary	EA	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00	\$3,200.00	\$3,200.00	\$2,225.38	\$2,225.38	\$1,100.00	\$1,100.00	\$4,400.00	\$4,400.00
13	4.04	Rock Slep/Pool Mainstem	EA	\$15,000.00	\$15,000.00	\$3,000.00	\$3,000.00	\$75.00	\$75.00	\$16,518.60	\$16,518.60	\$2,400.00	\$2,400.00	\$1,000.00	\$1,000.00
14	4.04	Rock Slep/Pool Tributary	EA	\$1,300.00	\$6,000.00	\$2,000.00	\$2,000.00	\$450.00	\$450.00	\$2,584.84	\$2,584.84	\$1,100.00	\$1,100.00	\$8,500.00	\$8,500.00
15	4.05	Log Vane	EA	\$900.00	\$13,800.00	\$500.00	\$500.00	\$675.00	\$675.00	\$15,525.00	\$15,525.00	\$600.00	\$600.00	\$13,800.00	\$13,800.00
16	4.06	Rootwads with LWD	EA	\$800.00	\$7,200.00	\$1,000.00	\$1,000.00	\$370.00	\$370.00	\$12,580.00	\$12,580.00	\$500.00	\$500.00	\$495.00	\$495.00
17	4.07	Substrate Material (Misc. Price)	TON	\$80.00	\$80.00	\$50.00	\$50.00	\$175.00	\$175.00	\$1,150.13	\$1,150.13	\$40.00	\$40.00	\$100.00	\$100.00
18	4.08	Constructed Riffles	EA	\$40.00	\$2,640.00	\$100.00	\$6,600.00	\$100.00	\$6,600.00	\$23,022.60	\$23,022.60	\$1,500.00	\$1,500.00	\$800.00	\$800.00
19	4.09	Rock Toe Protection	EA	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$17,000.00	\$17,000.00	\$12,016.23	\$12,016.23	\$29,500.00	\$29,500.00	\$45.00	\$45.00
20	5.01	Water Diversion-Pump Around	LS	\$3.00	\$1,500.00	\$1.00	\$500.00	\$2.50	\$1,250.00	\$970.00	\$970.00	\$4.00	\$4.00	\$1.81	\$905.00
21	5.02	Temp. Rolled Erosion Control Blanket	SY	\$5.00	\$5,000.00	\$3.00	\$3,000.00	\$4.00	\$4,000.00	\$4,264.00	\$4,264.00	\$4.00	\$4.00	\$2.50	\$2,665.00
22	5.03	Coir Fiber Matting	LF	\$2.00	\$1,000.00	\$2.00	\$2,000.00	\$2.25	\$2,250.00	\$1,125.00	\$1,125.00	\$3.10	\$3.10	\$3.00	\$1,500.00
23	5.04	Silt Fence	AC	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,350.00	\$1,350.00	\$1,591.32	\$1,591.32	\$800.00	\$800.00	\$5,000.00	\$5,000.00
24	5.05	Temporary Herbaceous Seeding	EA	\$2,000.00	\$4,000.00	\$1,000.00	\$1,000.00	\$20,000.00	\$20,000.00	\$926.37	\$926.37	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00
25	5.07	Temporary Stream Crossing	EA	\$2.00	\$11,480.00	\$3.00	\$3,000.00	\$3.50	\$3,500.00	\$56.30	\$56.30	\$3.10	\$3.10	\$3.80	\$3,800.00
26	5.08	Straw Wattles	LF	\$17,220.00	\$17,220.00	\$3,500.00	\$3,500.00	\$20,090.00	\$20,090.00	\$36.30	\$36.30	\$3.10	\$3.10	\$3.80	\$3,800.00
27	6.01	Permanent Herbaceous Seeding (Zones 1-3)	AC	\$12,050.00	\$12,050.00	\$13,400.00	\$13,400.00	\$2,000.00	\$2,000.00	\$15,247.06	\$15,247.06	\$1,700.00	\$1,700.00	\$2,600.00	\$2,600.00
28	6.02	Live Stakes	EA	\$3.00	\$30,963.00	\$1.50	\$15,481.50	\$2.15	\$22,190.15	\$2.67	\$27,557.07	\$2.65	\$27,350.65	\$3.10	\$31,995.10
29	6.03	Planting Trees and Shrubs	EA	\$3.50	\$11,060.00	\$9.50	\$28,260.00	\$3.30	\$10,428.00	\$6.35	\$20,066.00	\$20.50	\$84,780.00	\$5.00	\$15,600.00
<b>Total Project Cost</b>					<b>\$338,564.58</b>		<b>\$299,759.50</b>		<b>\$331,786.95</b>		<b>\$363,871.55</b>		<b>\$374,078.65</b>		<b>\$454,850.10</b>

Designer: Biohabitats Kevin Nunnery Ph.D. Senior Ecologist  
 Bid Date: 7-May-10 *Kevin Nunnery*

Pay Item No.	Section	Description	Unit	Est'd Quantity	Shamrock Environmental License Number: 47513			Environmental Quality Res. License Number: 51052			Backwater Environmental License Number: 16348			Carolina Environmental License Number: 61078			Statistical Results (Unit Bid Price)		
					Unit Bid Price	Extended Total	Unit Bid Price	Extended Total	Unit Bid Price	Extended Total	Unit Bid Price	Extended Total	Unit Bid Price	Extended Total	Minimum	Average	Maximum		
1	2.01	Surveying	LS	1	\$9,372.00	\$9,372.00	\$9,032.78	\$9,032.78	\$9,000.00	\$12,650.00	\$8,000.00	\$10,861.04	\$14,000.00						
2	2.02	As-Built Survey	LS	1	\$5,364.00	\$5,364.00	\$7,812.14	\$7,812.14	\$8,800.00	\$8,000.00	\$7,179.22	\$10,022.01							
3	2.03	Mobilization/Demobilization	LS	1	\$24,326.00	\$24,326.00	\$16,324.78	\$16,324.78	\$24,000.00	\$29,449.88	\$15,000.00	\$22,448.88	\$29,449.88						
4	2.04	Construction Access	LF	100	\$19.00	\$1,900.00	\$61.01	\$6,101.00	\$30.00	\$3,000.00	\$10.00	\$33.68	\$70.00						
5	2.05	Blaze Orange Fence	LF	100	\$2.00	\$200.00	\$1.79	\$179.00	\$1.00	\$100.00	\$1.00	\$1.93	\$3.00						
6	3.01	Select Tree Removal (>12"dbh)	LS	51	\$550.00	\$30,050.00	\$370.81	\$18,911.31	\$10.00	\$510.00	\$10.00	\$204.53	\$590.00						
7	3.02	Grading	LS	1	\$143,199.00	\$143,199.00	\$67,501.81	\$67,501.81	\$170,000.00	\$221,436.73	\$55,000.00	\$108,117.93	\$221,436.73						
8	4.01	Rock (Misc. Price)	TON	20	\$72.00	\$1,440.00	\$1,343.40	\$1,343.40	\$4,400.00	\$1,700.00	\$28.00	\$56.37	\$100.00						
9	4.02	Rock Cross Vane Mainstem	EA	2	\$5,380.00	\$10,760.00	\$3,586.92	\$7,173.84	\$8,800.00	\$12,970.00	\$1,325.00	\$4,297.76	\$7,600.00						
10	4.02	Rock Cross Vane Tributary	EA	1	\$2,793.00	\$2,793.00	\$1,931.36	\$1,931.36	\$3,200.00	\$3,200.00	\$800.00	\$2,304.59	\$3,760.00						
11	4.03	Rock 1 Vane Mainstem	EA	4	\$3,480.00	\$13,920.00	\$2,568.29	\$10,273.16	\$3,100.00	\$12,400.00	\$1,325.00	\$2,679.89	\$3,540.00						
12	4.03	Rock 1 Vane Tributary	EA	4	\$1,845.00	\$7,380.00	\$4,467.20	\$4,467.20	\$8,400.00	\$8,400.00	\$800.00	\$1,484.13	\$2,225.38						
13	4.04	Rock Sleep/Pool Mainstem	EA	6	\$3,001.00	\$18,006.00	\$2,130.88	\$12,785.28	\$5,100.00	\$30,600.00	\$675.00	\$3,282.78	\$8,600.00						
14	4.04	Rock Sleep/Pool Tributary	EA	4	\$1,163.00	\$4,652.00	\$570.81	\$2,283.24	\$3,900.00	\$15,600.00	\$450.00	\$1,821.52	\$3,900.00						
15	4.05	Log Vane	EA	23	\$1,173.00	\$26,979.00	\$877.21	\$20,175.83	\$840.00	\$19,320.00	\$495.00	\$930.61	\$1,350.00						
16	4.06	Rootwads with LWD	EA	34	\$766.00	\$26,044.00	\$766.15	\$26,049.10	\$850.00	\$28,700.00	\$227.74	\$504.99	\$1,000.00						
17	4.07	Substrate Material (Misc. Price)	TON	20	\$47.00	\$940.00	\$54.43	\$1,088.60	\$160.00	\$1,520.00	\$40.00	\$78.17	\$175.00						
18	4.08	Constructed Riffles	EA	20	\$3,086.00	\$61,720.00	\$3,033.22	\$60,664.40	\$1,400.00	\$28,000.00	\$500.00	\$1,691.04	\$3,086.00						
19	4.09	Rock Toe Protection	EA	20	\$93.00	\$1,860.00	\$93.21	\$1,864.20	\$75.00	\$1,500.00	\$40.00	\$164.65	\$637.21						
20	5.01	Water Diversion-Pump Around	LS	66	\$28,954.00	\$1,910,564.00	\$61,459.79	\$4,028,334.00	\$62,000.00	\$3,900,000.00	\$3,300.00	\$26,994.29	\$62,000.00						
21	5.02	Temp. Rolled Erosion Control Blanket	SY	500	\$2.00	\$1,000.00	\$2.40	\$1,200.00	\$4.00	\$2,000.00	\$1.00	\$2.41	\$4.00						
22	5.03	Coir Fiber Matting	SY	1,066	\$5.00	\$5,330.00	\$3.33	\$3,549.78	\$6,396.00	\$6,396.00	\$2.50	\$4.01	\$8.00						
23	5.04	Silt Fence	LF	500	\$2.00	\$1,000.00	\$3.10	\$1,550.00	\$2.00	\$1,000.00	\$2.00	\$2.39	\$3.00						
24	5.05	Temporary Herbaceous Seeding	AC	1	\$680.00	\$680.00	\$1,659.02	\$1,659.02	\$1,400.00	\$1,400.00	\$880.00	\$1,720.04	\$5,000.00						
25	5.07	Temporary Stream Crossing	EA	2	\$4,237.00	\$8,474.00	\$2,428.39	\$4,856.78	\$3,000.00	\$6,000.00	\$925.37	\$3,710.20	\$10,000.00						
26	5.08	Straw Wattles	LF	5,740	\$3.20	\$18,368.00	\$2.40	\$13,776.00	\$6.00	\$34,440.00	\$4.00	\$3.92	\$6.00						
27	6.01	Permanent Herbaceous Seeding (Zones 1-3)	AC	67	\$2,080.00	\$13,936.00	\$6,009.00	\$40,260.30	\$960.00	\$21,507.00	\$380.00	\$2,472.74	\$6,009.00						
28	6.02	Live Stakes	EA	10,321	\$2.00	\$20,642.00	\$3.05	\$31,479.05	\$1.90	\$20,642.00	\$1.50	\$2.34	\$3.10						
29	6.03	Planting Trees and Shrubs	EA	3,160	\$2.00	\$6,320.00	\$23.50	\$74,260.00	\$4.00	\$12,640.00	\$2.00	\$5.76	\$23.50						
<b>Total Project Cost</b>						<b>\$489,827.00</b>		<b>\$509,827.09</b>		<b>\$515,064.00</b>		<b>\$569,999.51</b>		<b>\$593,702.67</b>		<b>\$202,707.76</b>		<b>\$394,664.21</b>	